

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	189	quench\$3 with spray same manifold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 14:02
S1	205185	nozzle.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/16 12:22
S2	366582	tangent\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/16 12:22
S3	5049	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/16 12:22
S4	1896	S1 and S2	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 12:23
S5	2727	quench\$3 with ring	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 16:45
S6	100	S5 and "48".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 16:45
S7	9	("3729298" "3741136").PN. OR ("4046541").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 17:09
S8	294	("0058055" "0290559" "1328485" "1404652" "1415656" "1422916" "1755624" "1810814" "1907976" "20070283907" "20080011247" "20080223349" "2068421" "2277294" "2420599" "2546155" "2656307" "2810631" "2818326" "2896927" "2971830" "3097081" "3148962" "3164644" "3173411" "3232728" "3238027" "3239999" "3315005" "3364982" "3414632" "3524630" "3545903" "3546851" "3568611" "3593968" "3607156" "3607157" "3673080" "3687646" "3847564" "3850416" "3890111" "3945942" "3971652" "3979188" "3988123" "4004647" "4013427" "4020812" "4021366" "4035133" "4054424" "4071329" "4073627" "4078903" "4087497" "4094290" "4097679" "4119411" "4121543" "4126427" "4129422" "4131439" "4136556" "4142417" "4161510" "4163436" "4177042" "4192654" "4195978" "4202672" "4218423" "4220469" "4268289" "4272255" "4279622" "4289647" "4300913" "4326856" "4328006" "4328007" "4328008" "4331450" "4338099" "4338101"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 17:43

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S9	485	("0648964" "0982655" "1044651" "1227277" "1423650" "1452045" "1608967" "1653297" "1920186" "2222822" "2353803" "2403188" "2442898" "2476889" "2631684" "2707147" "2767806" "2776727" "2777512" "2818326" "2864677" "2868856" "2883972" "2896927" "2931715" "2937141" "2941877" "2961310" "2961722" "2962367" "2971830" "2980521" "2980522" "2980523" "2982635" "2987386" "2992906" "2999741" "3001373" "3010813" "3015127" "3018174" "3022148" "3069248" "3069251" "3117619" "3121616" "3208830" "3219419" "3315445" "3414247" "3429972" "3435590" "3437561" "3451787" "3459346" "3473903" "3526082" "3531265" "3531917" "3542501" "3544291" "3561194" "3607157" "3620697" "3656275" "3660046" "3676982" "3710546" "3715195" "3723344" "3729298" "3730401" "3741136" "3749387" "3767766" "3775062" "3794218" "3807940" "3811501" "3846095" "3853309" "3864460" "3868817" "3910777" "3922148" "3957458" "3963443" "3963457" "3998609" "4002438" "4054424" "4074981" "4110092" "4152399" "4157244" "4192654" "4211088" "4218423" "4328006" "4372253" "4390347" "4390348" "4425139" "4465496").PN. OR ("1785519" "2196767" "2465235" "2623011" "3000711" "3175019" "3429942" "3520823" "3531265" "3554715" "3593968" "3615297" "3620700" "3671209" "3687646" "3942958" "3976442" "3976443" "3980590" "3980591" "3980592" "3998609" "4046541" "4052176" "4071329" "4073627" "4074981" "4119411" "4126427" "4129422" "4177042" "4192654" "4195978" "4218423" "4279622" "4288211" "4324563" "4390347" "4390348" "4444726" "4466808" "4474581" "4474582" "4474584" "4487612" "4494963" "4533363" "4581899" "4605423").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 17:43
S10	707	S8 or S9	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 17:43
S11	76	S10 and tangent\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 17:43
S12	6052	(tangent\$5) same3 (slag\$5 or molten)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 17:46
S13	29	S12 and S10	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 17:46
S14	597	239/558.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 09:46

S15	27	S14 and tangent\$6	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 09:48
S16	28	("3322347" "3787189" "4223843" "4322384" "4343825" "4595145" "4634598" "4822534" "4824679" "5190775" "5204029" "5230913" "5285968" "5297739" "5362425").PN. OR ("5577668").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 09:54
S17	25	("3322347").URPN.	USPAT	ADJ	ON	2010/06/17 09:56
S18	25	("3322347" "4223843" "4343825" "4595145" "4634598" "4822534" "4824679" "5190775" "5204029" "5230913" "5285968" "5297739" "5362425").PN. OR ("5525367").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 09:59
S19	28	("2798030" "2898290" "3119632" "3163449" "3433733" "3466021" "3632304" "3848811" "3867103" "3912460" "3974091" "4035153").PN. OR ("4223843").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 10:01
S20	24	swirl\$4 and S14	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 10:03
S21	2	S14 and gasif\$8	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 10:14
S22	1	S14 and stagnant	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 10:31
S23	3	S14 and stagn\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 10:32
S24	375	239/468.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 15:23
S25	61	S24 and (loop or ring)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 15:58
S26	1218	239/461,463,468,469,470,471.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 16:08
S27	3470	239/548,550,557,558,559,556.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 16:09
S28	43	S26 and S27	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 16:09
S29	409	239/463.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 16:25
S30	20	(S26 or S27) and spray ring	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 16:28
S31	1218	239/461,463,468,469,470,471.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/19 13:38
S32	3470	239/548,550,557,558,559,556.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/19 13:38
S33	4645	S31 or S32	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/19 13:38
S34	597	239/558.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/19 13:38
S35	597	S34 and S33	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/19 13:39
S36	409	239/463.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/19 14:06

S37	633	239/550.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/19 14:21
S38	0	B05B01/14.ipc.	EPO; JPO; DERWENT	ADJ	ON	2010/06/19 14:37
S39	71	B05B1/14.ipc.	EPO; JPO; DERWENT	ADJ	ON	2010/06/19 14:37
S40	833	B05B001/14.ipc.	EPO; JPO; DERWENT	ADJ	ON	2010/06/19 14:37
S41	762	S40 not S39	EPO; JPO; DERWENT	ADJ	ON	2010/06/19 14:37
S42	0	S39 not S40	EPO; JPO; DERWENT	ADJ	ON	2010/06/19 14:37
S43	23	S40 and (ring or loop)	EPO; JPO; DERWENT	ADJ	ON	2010/06/19 14:39
S44	11	S40 and (gasif\$8 or slag or molten or pyrol\$8)	EPO; JPO; DERWENT	ADJ	ON	2010/06/19 14:42
S45	227	spray ring	EPO; JPO; DERWENT	ADJ	ON	2010/06/19 14:52
S46	1054	quench\$4 with spray	EPO; JPO; DERWENT	ADJ	ON	2010/06/19 15:42
S47	109	S46 and (gasif\$8 or slag\$3 or molten or pyrol\$8)	EPO; JPO; DERWENT	ADJ	ON	2010/06/19 15:43
S48	2	("3551532").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/19 16:06
S49	15	("3551532").URPN.	USPAT	ADJ	ON	2010/06/19 16:07
S50	105	239/469.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/19 17:35
S51	62	239/470.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/19 17:39
S52	51	239/474.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/20 07:47
S53	707	B05B001/34.ipc.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/20 07:50
S54	651	B05B001/34.ipc.	EPO; JPO; DERWENT	ADJ	ON	2010/06/20 07:50
S55	17	S54 and (ring or loop or hoop)	EPO; JPO; DERWENT	ADJ	ON	2010/06/20 07:51
S56	1112	spray ring not "239".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 07:55
S57	1024	spray ring not "239".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 07:55
S58	534	S57 and (gasif\$8 or slag\$3 or pyrol\$8 or cool\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 07:56

S59	103	S57 and (gasif\$8 or slag\$3 or pyrol\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 07:56
S60	1	("4294432").PN. OR ("RE32220").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/20 08:29
S61	19	("1662811" "2333439" "3026102" "3588070" "3599949" "3603572" "3626672" "3655361" "3988421" "4040819" "4057421").PN. OR ("4294432").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/20 08:29
S62	2	("4294432").PN. OR ("4386763").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/20 08:30
S63	2	("2791549").URPN.	USPAT	ADJ	ON	2010/06/20 08:37
S64	36	flange\$3 near3 nozzle with corro\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 10:07
S65	33	flange\$3 near3 nozzle near3 (replac\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 10:12
S66	33	flange\$3 near3 nozzle near3 (replac\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 11:23
S67	183	flange\$3 near3 nozzle near3 thread\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 11:24
S68	2	flange\$3 near3 nozzle near3 thread\$3 with corro\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 11:24
S69	2	flange\$3 near3 nozzle near3 thread\$3 with replac\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 11:26
S70	73	replac\$5 adj2 nozzle with flange	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 11:28

6/ 20/ 2010 2:44:13 PM

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